

Option 1 — Ski Oracle Landing Page

Technical Specification Document

1. Purpose and Overview

The Ski Oracle landing experience is designed as a mobile-first, AI-powered ski intelligence layer. Its purpose is to deliver predictive content, real-time data, and dynamic user interaction.

2. Architecture Summary

• Uses live data endpoints for snow, lifts, weather • Integrates with aggregate root ski model • Supports AI modules (resort finder, pass optimizer, insights) • Modular component architecture suitable for Next.js

3. Mobile-First UX Flow

1. Hero question + dynamic text 2. Quick stats tiles 3. Predictive AI insights 4. Lodging slider 5. AI planner modules

4. Design Principles

• Bold typography • Dark alpine palette • High-contrast gradients • Smooth micro-interactions • Clean spacing and visual rhythm